|  |  |  |                    |   | Application or Docket Number |                  |                  |                        |                     |            |                        |  |  |
|--|--|--|--------------------|---|------------------------------|------------------|------------------|------------------------|---------------------|------------|------------------------|--|--|
| PATENT APPLICATION FEE DETERMINATION RECORD  Effective October 1, 1997  9/176274   |  |  |                    |   |                              |                  |                  |                        |                     |            |                        |  |  |
| CLAIMS AS FILED - PART I (Column 1) (Column 2)   |  |  |                    |   |                              |                  |                  | SMALL ENTITY TYPE      |                     |            | THAN<br>NTITY          |  |  |
| FOR  |  |  | ER FILED           | XTRA  | RA                           | TE               | FEE              |                        | RATE                | FEE        |                        |  |  |
| BASIC  |  |  |                    |   |                              |                  |                  | 395.00                 | OR                  |            | 790.00                 |  |  |
|  | CLAIMS   |  | 40 minus 20 = + 20 |   |                              | x\$              | 11=              |                        | OR                  | x\$22=     | 440                    |  |  |
|  | ENDENT CLA   | ims                                      | 9 minus            |   | x41=                         |                  |                  | OR                     | x82=                | 492        |                        |  |  |
|  |  |  | CLAIM PRESENT      |   |                              |                  | 35=              |                        | OR                  | +270=      |                        |  |  |
| * If the difference in column 1 is less than zero, enter "0" in column 2   |  |  |                    |   |                              |                  | OTAL             |                        | L                   | TOTAL      | 1722                   |  |  |
|  |  |  |                    |   |                              |                  | TOTAL OR TOTAL L |                        |                     |            |                        |  |  |
|  | CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)   |  |                    |   |                              |                  | MALL             | ENTITY                 | or                  |            | ENTITY                 |  |  |
| AMENDMENT A  | 69   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMEN |                    | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA             | R                | ATE              | ADDI-<br>TIONAL<br>FEE |                     | RATE       | ADDI-<br>TIONAL<br>FEE |  |  |
| JME  | Total  | *  | Minus              | ##  | =                            | хS               | 511=             |                        | OR                  | x\$22=     |                        |  |  |
| EN   | Independent  | *  | Minus              | ***   | =                            | x                | 41=              |                        | OR                  | x82=       |                        |  |  |
| ¥  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM   |  |                    |   |                              | +                | 135=             |                        | OR                  | +270=      |                        |  |  |
| -  | <u> </u>   |  |                    |   |                              | TOTAL<br>IT. FEE |                  | OR                     | TOTAL<br>ADDIT. FEE |            |                        |  |  |
|  |  | (Column 1)                               |                    | (Column 2)<br>HIGHEST                       | (Column 3)                   | I [              |                  | Τ                      | 7                   | Γ          | ADDI-                  |  |  |
| NT B   |  | REMAININ<br>AFTER<br>AMENDME             |                    | NUMBER<br>PREVIOUSLY<br>PAID FOR            | PRESENT<br>EXTRA             | ſ                | RATE             | ADDI-<br>TIONAL<br>FEE |                     | RATE       | TIONAL                 |  |  |
| ME   | Total  | *  | Minus              | **  | =                            | X                | \$11=            |                        | OR                  | x\$22=     |                        |  |  |
| AMENDMENT  | Independen   |  | Minus              | ***   | =                            | ] [              | x41=             |                        | OR                  | x82=       |                        |  |  |
| A  | FIRST PRI  | J [₊                                     | -135=              |   | OR                           | +270=            |                  |                        |                     |            |                        |  |  |
|  | <u> </u>   | (Column 1                                | )                  | ADI   | TOTAL<br>DIT. FEE            |                  | ] OR             | TOTA<br>ADDIT. FE      |                     |            |                        |  |  |
| AMENDMENT C  |  | CLAIMS<br>REMAININ<br>AFTER<br>AMENDME   | 1G                 | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA             |                  | RATE             | ADDI-<br>TIONA<br>FEE  |                     | RATE       | ADDI-<br>TIONAI<br>FEE |  |  |
|  | Total  |  | Minus              | **  | =                            | _  [             | x\$11=           | :                      | OF                  | x\$22      | =                      |  |  |
| ENI  | Independe  | nt *                                     | Minus              | ***   | =                            | ] [              | x41=             |                        | 01                  | R x82=     | -                      |  |  |
|  | FIRST PF   |  | +135=              | -   | 0                            | R +270           | =                |                        |                     |            |                        |  |  |
| 1:   | If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  TOTAL  ADDIT. FEE |  |                    |   |                              |                  |                  |                        |                     | R ADDIT. F |                        |  |  |
| ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  ***If the "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.  Patent and Trademark Office, U.S. DEPARTMENT OF COM |  |  |                    |   |                              |                  |                  |                        |                     | T OF COMME |                        |  |  |

Section ....

Application of Docket Number

## PATENT APPLICATION FEE DETERMINATION RECORD EFFECTIVE OCTOBER 1 2001

CLAIMS AS FILED - PART I OTHER THAN (Column 1) (Column 2) SMALL ENTITY SMALL ENTITY OR FOR NUMBER FILED NUMBER EXTRA RATE FEE RATE FEE BASIC FEE \$ 370. OR \$ 740. TOTAL CLAIMS 29 minus 20 = x\$q= ×\$18= OR INDEPENDENT CLAIMS 162. Z minus 3 = ×41= ÒR MULTIPLE DEPENDENT CLAIM PRESENT ×8# = .8 ما ا +140 = \* If the difference in column 1 is less than zero, enter "0" in column 2 OR +280 = TOTAL TOTAL OR 070. CLAIMS AS AMENDED - PART II OTHER THAN (Column 1) (Column 3) (Column 2) SMALL ENTITY OR SMALL ENTITY CLAIMS **HIGHEST** REMAINING PRESENT NUMBER ADDI-ADDI-AMENDMENT AFTER **PREVIOUSLY EXTRA** RATE TIONAL AMENDMENT RATE TIONAL PAID FOR FEE FEE Total 29 Minus x\$ **q** = ×\$ 18 = OR Independent 5 Minus 5 ×42 = OR ×84'= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +140= 280 = TOTAL (Column 1) ADDIT, FEE (Column 2) ADDIT, FEE (Column 3) CLAIMS HIGHEST  $\mathbf{\omega}$ REMAINING NUMBER PRESENT ADDI-ADDI-AFTER AMENDMENT **PREVIOUSLY EXTRA** RATE TIONAL RATE TIONAL **AMENDMENT** PAID FOR FEE FEE Total Minus **x\$q** = OR ×\$18 = Independent Minus ×42 = OR **\*84**.= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +140 = '2**%**0 = TOTAL TOTAL (Column 1) OR. ADDIT FEE (Column 2) (Column 3) ADDIT FEE CLAIMS HIGHEST REMAINING PRESENT NUMBER ADDI-ADDI-**AMENDMENT** AFTER **PREVIOUSLY** EXTRA RATE TIONAL TIONAL RATE AMENDMENT PAID FOR FEE FEE Total Minus xq = OR ×518 = Independent Minus ×42 = OR ×84 = FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR \*140 = +280-If the entry in column 1 is less than the entry in column 2, write "0" in column 3 FOTAL

Application or Docket Number

## PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2001

| CLAIMS AS FILED - PART I (Column 1)   |   |   |              |                               | SMALL ENTITY (Column 2) TYPE |                  |            | ITITY               | OTHER THA              |     |                     |          |                     |
|---|---|---|--------------|-------------------------------|------------------------------|------------------|------------|---------------------|------------------------|-----|---------------------|----------|---------------------|
| TOTAL CLAIMS  |   |   |              |                               |                              |                  | Г          | RATE FEE            |                        |     | RATE                | FEE      |                     |
| FOR   |   |   | NUMBER FILED |                               | NUMBER EXTRA                 |                  | Ī          | BASIC FEE           | 375.00                 | OR  | BASIC FEE           | 79       | 0.00                |
| TOTAL CHARGEABLE CLAIMS   |   |   | 29 minus ==  |                               | * 6                          |                  |            | X\$ 9=              |                        | OR  | X\$18=              |          |                     |
| INDEPENDENT CLAIMS  |   |   | 5 mir        | nus 🛡 =                       | * 4                          |                  | Ì          | X42=                |                        | OR  | X8 <b>6</b> ≟       |          |                     |
| MULTIPLE DEPENDENT CLAIM PRESENT  |   |   |              |                               |                              |                  | ŀ          | +140=               |                        |     | +280=               | 7        | 一                   |
| * If the difference in column 1 is less than zero, enter  |   |   |              |                               | r "0" in c                   | olumn 2          |            | TOTAL               |                        | OR  | TOTAL               | <u>'</u> | <i>ا</i> ه.         |
| CLAIMS AS AMENDED - PAR   |   |   |              |                               | T II                         |                  |            | IOIAL               |                        | JON | OTHER               |          | -                   |
| (Column 1) (Col   |   |   |              |                               | mn 2)                        | (Column 3)       |            | SMALL E             | NTITY                  | OR  | SMALL E             |          |                     |
| AMENDMENT C   |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |              | HIGH<br>NUM<br>PREVIO<br>PAID | IBER<br>OUSLY                | PRESENT<br>EXTRA |            | RATE                | ADDI-<br>TIONAL<br>FEE | ,   | RATE                | TIC      | ODI-<br>ONAL<br>EE  |
|   | Total   | * 23                                      | Minus        | **                            | . 29                         | = 6              |            | X\$ 9=              | :                      | OR  | X\$18=              |          |                     |
|   | Independent   | * 3                                       | Minus        | ***                           | <u>. 5</u>                   | = 4              |            | X42=                |                        | OR  | X8 <b>6</b> =       |          |                     |
| Ľ   | FIRST PRESE   | NTATION OF M                              | JLTIPLE DEF  | ENDEN                         | T CLAIM                      |                  | <b>ا</b> ا | +140=               |                        | OR  | +280=               |          |                     |
|   |   |   |              |                               |                              |                  | L          | TOTAL               |                        | ارا | TOTAL               | ~        |                     |
| (Column 1) (Column 2) (Column 3   |   |   |              |                               |                              | (Column 3)       |            | ADDIT. FEE          |                        |     | ADDIT. FEE          |          |                     |
| AMENDMENT   |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |              | HIGH<br>NUM<br>PREVI          | HEST<br>IBER                 | PRESENT<br>EXTRA |            | RATE                | ADDI-<br>TIONAL<br>FEE |     | RATE                | TIC      | DDI-<br>DNAL<br>EE  |
|   | Total   | *   | Minus        | <del>k*</del>                 |                              | =                |            | X\$ 9=              |                        | OR  | X\$18=              |          |                     |
| ME  | Independent   | *   | Minus        | ***                           |                              | <u> -</u>        |            | X42=                | ·                      | OR  | X84=                |          |                     |
| L   | FIRST PRESENTATION OF MULTIPLE DEPENDENT  |   |              |                               |                              | <u> </u>         | J.<br>     | +140=               |                        | OR  | +280=               |          |                     |
|   |   |   |              |                               | •                            |                  | L          | TOTAL<br>ADDIT. FEE |                        | OR  | TOTAL<br>ADDIT. FEE |          |                     |
| (Column 1) (Column 2) (Co   |   |   |              |                               |                              |                  |            |                     |                        | •   | ADDII: 1 EE         |          |                     |
| AMENDMENT   |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |              | NUM<br>PREVI                  | HEST<br>MBER<br>OUSLY<br>FOR | PRESENT<br>EXTRA |            | RATE                | ADDI-<br>TIONAL<br>FEE |     | RATE                | TIC      | DDI-<br>DNAL<br>EEE |
|   | Total   | *   | Minus        | **                            |                              | =                |            | X\$ 9=              |                        | OR  | X\$18=              |          | ,                   |
|   | Independent   | *   | Minus        | ***                           |                              |                  | <b> </b>   | X42=                |                        | OR  | X84=                |          |                     |
| Ľ   | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  |   |              |                               |                              |                  | ┧┟         | +140=               |                        |     | +280=               | <b>—</b> |                     |
|   | * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. |   |              |                               |                              |                  |            | + 140=<br>TOTAL     |                        | OR  | TOTAL               | _        | -                   |
| ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. |   |   |              |                               |                              |                  |            |                     |                        |     |                     |          |                     |